

## CLAIMS

1. A method of producing a Ge-added Nb<sub>3</sub>Al-based superconducting wire comprising the steps of preparing a composite multi-core wire in which a plurality of Al alloy wires containing 15 at% to 40 at% of Ge are arranged in Nb matrix at a core diameter of 2 μm to 20 μm; heating for at least five hours at a temperature ranging from 1300°C to 1600°C; and additionally heating at a temperature ranging from 650°C to 900°C.